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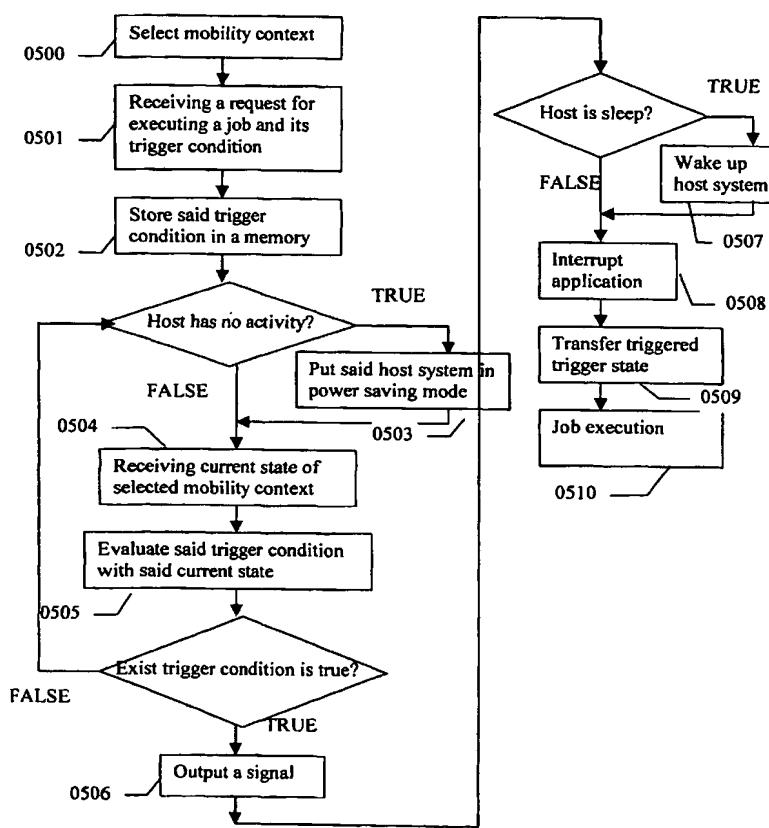
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(54) Title: A POWER SAVING MOBILITY AWARE SYSTEM AND METHOD



(57) Abstract: A system and method reduces the power consumption by putting the system in sleep (0530) and use mobility context receiving device continue to monitor the context (0505) and wake up the system (0507) when discover the trigger state. After the system waked up, the application executes the job (0510) that is triggered by the trigger state (0509). The job might include reminder, TODO-List warning, e-mail retrieval, Computer system or network login, control other appliances, etc. The mobility context receiving device may also automatically interrupt the application while the system is powered on. The mobility context receiving device includes wireless communication interface or positioning device. The application might be a person sensitive reminder, a TO-DO list warning system, automatic login and e-mail retriever, and automatic appliance controller, proximity sensitive file manager, etc.

WO 2004/003703 A3

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 9/00, 1/26; G01C 21/26; H04B 7/185
 US CL : 718/100; 713/320; 701/213; 342/357.06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,978,923 A (KOU) 02 November 1999 (02.11.1999), the whole document.	1-23
Y	US 6,237,101 B1 (MOORE et al) 22 May 2001 (22.05.2001), the whole document.	1-23
A	US 5,890,005 A (LINDHOLM) 30 March 1999 (30.03.1999), the whole document.	1-23
A	US 6,266,776 B1 (SAKAI) 24 July 2001 (24.07.2001), the whole document.	1-23

<input type="checkbox"/>	Further documents are listed in the continuation of Box C.	<input type="checkbox"/>	See patent family annex.
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